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FORM	A PTO-	1390 U.S. DEPARTMENT O			CKET NUMBER 117-542	 				
WOO		TRANSMITTAL LETTE	R TO THE UNITED STATES	U.S. APPLICATION	NO. (If known, see 37 C.F.R. 1	.5)				
		DESIGNATED/ELEC	TED OFFICE (DO/EO/US) ING UNDER 35 U.S.C. 371		10/535,497	_ <u>.</u>				
INTE		TIONAL APPLICATION NO. CT/GB2003/004862	INTERNATIONAL FILING DATE 11 November 2003	PRIORITY DAT						
TITL	E OF	INVENTION	ELECTRO-ACTIVE ACTUATO	R						
APP	LICA	NT(S) FOR DO/EO/US								
			ALLAN et al.							
Appl	icant	herewith submits to the Unite	ed States Designated/Elected Office (DO/EO/U	JS) the following	items and other informat	ion:				
1.		This is a FIRST submission	of items concerning a submission under 35 U	.S.C. 371.						
2.	\boxtimes	This is a SECOND or SUBSEQUENT submission of items concerning a submission under 35 U.S.C. 371.								
3.		This is an express request to begin national examination procedures (35 U.S.C. 371(f). The submission must include items (5), (6), (9) and (21) indicated below.								
4.		The U.S. has been elected (Article 31).								
5.	A co	ppy of the International Applica	ation as filed (35 U.S.C. 371(c)(2).							
	a.	is attached hereto (pages specification, claims & abstract (claims),	sheets drawings).					
	b.	has been communicate	ed by the International Bureau.							
	c.	is not required, as the	application was filed in the United States Rece	eiving Office (RO)/US).					
6.		An English language transla	tion of the International Application as filed (3	n of the International Application as filed (35 U.S.C. 371(c)(3)						
	a. Cert	is attached hereto (tificate of Translation).	pages specification, claims & abstract (claims),	sheets drawings,	page				
	b.	has been previously su	ubmitted under 35 U.S.C. 154(d)(4).							
7.		Amendments to the claims of	of the International Application under PCT Arti	cle 19 (35 U.S.C	. 371(c)(3)					
	a.	are attached hereto (required only if not communicated by the International Bureau).								
	b.	have been communicated by the International Bureau.								
	C.	have not been made; however, the time limit for making such amendments has NOT expired.								
	d.									
8.		An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3).								
9. ,	a.	An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4).								
•′	b.	☐ Declaration was submi	itted to the International Bureau during Interna T/IB/371 and first page of printed publication a	ational Phase (se	e copies of Declaration (ceipt thereof attached).	page				
10. U.S.	□ C. 37	An English language transla 71(c)(5).	tion of the annexes of the International Prelim			cle 36 (35				
	Item	ns 11 To 20 below concern	document(s) or information included:							
11.	\boxtimes	An Information Disclosure S	tatement under 37 C.F.R. 1.97 and 1.98.							
12.	\boxtimes	An assignment document fo	r recording. A separate cover sheet in compli	ance with 37 C.F	F.R. 3.28 and 3.31 is incli	uded.				
13.	a. b.	☐ A FIRST preliminary at ☐ A SECOND or SUBSE	mendment. QUENT preliminary amendment.							
14.		An Application Data Sheet u	ınder 37 C.F.R. § 1.76.							
15.		A substitute specification.								
16.		A change of power of attorney and/or address letter.								
17.		A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821-1.825.								
18.			olished international application under 35							
19.		, ,	h language translation of the international app							

Other items or information.

U.S. APPLICATION I	NO. (If known, :	see 37 C.F.F	INT	INTERNATIONAL APPLICATION NO. ATTOR PCT/GB2003/004862					NEY'S DOCKET NUMBER			
21. The folio		re submitted:		1 01/4022000/	70 100.	<u>- </u>				-		
		(37 C.F.R. 1.4	92(a)(1)-(5):									
a) Basic	national fee			\$300.0	00 (16	31)/\$150.00 (2631))	\$				
b) Examination Fee\$200.00 (1633)/\$100.00 (2633)								\$		· · · · · · · · · · · · · · · · · · ·		
C) Search Fee								s				
TOTAL OF ABOVE CALCULATIONS\$1000.00/\$500.00									0.00			
Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or												
computer program listing filed in an electronic medium). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.												
Total Sheets Extra Sheets Number of fraction the				each additional 50 or RATE ereof (round up to a whole								
0 -100	0 /	number 50 = 0.00	· · · · · · · · · · · · · · · · · · ·		\$0.0	0 (1681)		\$				
					\$0.0	0 (2681)						
	<u> </u>							Ш				
from the earliest	Surcharge of \$130.00 (1617)/\$65.00 (2617) for furnishing the oath or declaration later than ☐ 30 months from the earliest claimed priority date (37 C.F.R. 1.492(e).											
CLAIMS	NUM	BER FILED	# EXTRA	050.00 (4045) (RATE	r					
Total Claims		minus 20 =	0 X	\$50.00 (1615)/		\$25.00 (2615)		\$				
Independent Cla	ims	minus 3 =	0 X	\$200.00 (1614)		\$100.00 (2614)		\$				
MULTIPLE DEPI	ENDENT CI	LAIMS(S) (if ap	plicable)	\$360.00	0 (161	6)/\$180.00 (2616)		\$	0.00			
Petition is hereby	y made to e	xtend the curre	nt due date s	so as to cover the	e filing	date of this paper	and					
attachment(s): 0	One Month E	Extension \$120 Month Extens).00 (1251)/\$6 sions \$1020 (60.00 (2251); Tw 50 (1253/\$510 0)	10 Mor 11 (225	nth Extensions \$45 3); Four Month Ext	0.00 ensions					
\$1590.00 (1254/			310113 Ψ1020.\	00 (1200/4010.00	0 (220	0), 1 out 111011111 Ext	011010110	\$	0.00			
☐ Applicant cla	ims small e	ntity status. Se	e 37 CFR 1.	27.								
Processing fee of months from the					later ti	han 20 3	0		0.00			
						TOTAL NATIONA	L FEE =	\$	0.00			
Fee for recording an appropriate co						nt must be accomp	anied by	s	40.00			
Fee for Petition t	o Revive Ur	nintentionally A	bandoned Ap	oplication;\$1500.	.00 (14	453) / \$750.00 (245	3)	\$	0.00			
					TOT	TAL FEES ENCL	OSED =	\$	40.00			
									ount to be: efunded			
								-	Charged	\$ \$		
				above fees is er				•	<u> </u>			
		Deposit Accou of this form is e		40 in the amoun	t of \$_	to cover the	above fees	S .				
c. The Co	ommissione	r is hereby aut	horized to ch			es which may be re		cred	it any			
	•	eposit Account			py of t	this form is enclose	a.					
					03/004	1862 and any U.S.	and foreig	n apı	olication(s)	corresponding		
thereto, and	, referred	to in this appli	cation is/are	hereby incorpora	ited by	reference in this a	pplication					
NOTE: Where a	an appropri	ate time limit	under 37 C.F	F.R. 1.494 or 1.4	95 ha	s not been met, a	petition t	o rev	/ive (37 C.F	F.R. 1.137(a)		
or (b) must be f			re the applic	ation to pendin	iy Stai	ius.						
Direct all corre												
	-	er Number		23117		/	1					
Type Customer Number here												
	/											
Telephone: (703) 816-4000 ARC:eaw Arthur R. Crawford / NAME												
25,327									August 2, 2005			
						REGISTRATION I	NUMBER	_	ate			